



Compact and user-friendly industrial printer for a wide range of applications

- ✓ **Compact 4-inch industrial printer for a wide range of media types**
Label rolls with an outer diameter of up to 8 inches and ribbons with a length of up to 450 m
- ✓ **Intuitive operation via 3.5-inch colour LCD**
Multilingual display, colour-coded status messages and easy navigation
- ✓ **Versatile connection options for flexible integration**
USB, Ethernet, RS-232C as standard; optional WLAN and Bluetooth
- ✓ **Easy maintenance without tools**
Tool-free replacement of print head and platen roller for minimised downtime
- ✓ **Extensive barcode and font sets and several emulations**
For easy integration into existing systems

Features

Printing technology: Direct thermal and thermal transfer

Print width (max.): 4.09 inches (104 mm)

Print resolution (max.): 203 dpi or 300 dpi

Print speed (max.): 203 mm/s (203 dpi), 152 mm/s (300 dpi)

Media types: Roll or fanfold labels, plain paper, continuous paper, tag, ticket

Sensors: Adjustable I-mark sensor (reflective), label gap sensor (transmissive), open cover and ribbon end sensor

Printer languages: SBPL, SZPL, SIPL

Connectivity: USB 2.0 (type A & B), Ethernet, RS-232C; optional WLAN, Bluetooth

Display: 3.5-inch colour LCD

Operating temperature: 4 - 40 °C

Dimensions (W x D x H): 268 x 445 x 261 mm

Weight: 11.4 kg

Optional accessories

Dispenser

Full cutter

Dual WLAN and Bluetooth interface

PRINTING SPECIFICATION			WT4-AXB (203 dpi)	WT4-AXB (300 dpi)
Printing Method			Thermal Transfer	
Print Resolution			8 dots / mm (203 dpi)	12 dots / mm (300 dpi)
Max. Print Area	Width mm (inch)		104mm (4.09")	104mm (4.09")
	Length mm (inch)		996mm (39.33")	996mm (39.33")
Print Speed, mm/sec (ips)			Up to 203.2mm/sec (8 ips)	Up to 152.4mm/sec (6 ips)
CPU			32-bit RISC Microprocessor	
Printer Memory			Flash ROM: 128MB, DRAM: 128MB User Memory: 32MB External USB User Memory: 16GB	
CONSUMABLES SPECIFICATION				
Sensor Type			Adjustable I-Mark Sensor (Reflective) /Label Gap Sensor (Transmissive), Label Taken sensor, Head Open sensor, Ribbon Out Sensor	
Media Type			Roll or fan-fold die cut labels, Plain paper face stock, Continuous stock, Tag, Ticket	
Media Thickness			0.08 – 0.19mm (0.003" – 0.007")	
Label Shape	Diameter		Roll Max. outside diameter: Ø 203.2mm (8"), Core diameter: 76mm /38mm (3" / 1.5")	
	Wind Direction		Face-in / Face out	
Label Size	Continuous	Width	22 – 112mm (0.86" – 4.4")	22 – 112mm (0.86" – 4.4")
		Length	6 – 2497mm (0.24" – 98.3")	6 – 1497mm (0.24" – 58.9")
	Tear-Off	Width	22 – 112mm (0.86" – 4.4")	22 – 112mm (0.86" – 4.4")
		Length	22 – 2497mm (0.86" – 98.3")	22 – 1497mm (0.86" – 58.9")
	Cutter	Width	22 – 112mm (0.86" – 4.4")	22 – 112mm (0.86" – 4.4")
		Length	22 – 2497mm (0.86" – 98.3")	6 – 1497mm (0.24" – 58.9")
	Dispenser	Width	22 – 112mm (0.86" – 4.4")	22 – 112mm (0.86" – 4.4")
		Length	22 – 397mm (0.86" – 98.3")	22 – 2497mm (0.86" – 98.3")
Ribbon TT Model	Length		Max. 450 metres. Max Diameter 82mm	
	Width		40mm - 110mm (1.57" – 4.33")	
	Core Diameter		25mm (1")	
	Wind Direction		Face-in / Face-out	
FONTS / SYMBOLOGIES				
Internal Fonts Unicode supported	Standard Bitmap		Bitmap Fonts XS, XU, XM, XB, XL, OCR A, OCR B	
	Scaleable fonts		CG Times, CG Triumvirate, SUD-SON, SUD-HEI	
Barcode	1D Barcode		UPC-A/E, JAN/EAN-8/13, Code 39, Code 93, Code 128, GS1-128 (UCC /EAN128), Codabar (NW-7), Interleaved 2 of 5, MSI, GS1 Databar: Omni, Truncated, Stacked, Stacked Omni, Limited, Expanded, Expanded stacked. UPC Add-on, Postnet, Industrial 2 of 5. Composite: JAN/EAN-8/13, UPC A/E, GS1 Databar, Truncated and Stacked	
	2D Barcode		PDF417 including Micro pdf, MAXI Code, QR Code, GS1 Data Matrix (ECC200), Aztec	
Print Rotation	Character Data / Barcode		0°, 90°, 180°, 270°	
COMMUNICATION INTERFACES				
Interfacing			Standard: USB Type A 2.0 + USB Type B 2.0 + LAN + RS-232 Options: Wireless LAN b/g/n and Bluetooth	
			LAN protocols: ARP, IP, ICMP, UDP, TCP, HTTP, DHCP, Socket, LPR, SNMPv1.2	
Command languages (Printer language emulations)			SBPL SATO Barcode Printer Language, SZPL, SIPL	
OPERATING CHARACTERISTICS				
Power Requirements			Input voltage: AC100V-240V +/- 10% (full range)/ Frequency 50HZ -60Hz +/- 5%	
Environment	Operating		4 – 40°C / 30 – 80% RH (without condensation)	
	Storage		-20 - 50°C / 15 - 85% RH (without condensation)	
Dimension (W x D x H)			267.7 x 450 x 261mm *(H1 Opcional: 256mm) - 10.54" x 17.71" x 10.30" *(H1 Opcional 10.01")	
Weight			11.4 kg (25.13 lb)	
Indicators, Buttons, Display			3 blue colour LED indicators , 7 x Buttons, 3.5" Color LCD	
MISCELLANEOUS				
Certifications			FCC, UL, CSA, CE, TUV GS, ROHS 2.0 compliant, WEEE compliant	
Self-diagnostics			Error detection functions, Printhead overheat function	
Ease of service			Thermal printhead and Platen roller easily replaced	
OPTIONS & MANAGEMENT				
Accessories			Dispenser, Full cutter, Dual Wireless LAN and Bluetooth Interface	
Printer management			SATO Settings Utility for printer, network & Wireless configuration. SNMPv1.2 USB firmware upgrading	
SATO SUPPORT				
A full range of SATO-manufactured labels, tags and ribbons. SATO Value Support after-sales maintenance				